U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

Sheet 1 of 2

LIST OF ART CITED BY APPLICANT

ATTY. DOCKET: 17607 (BOT)	SERIAL NO.: 10/672,876
APPLICANT: STEPHEN DONOVAN	TITLE: ANIMAL PRODUCT FREE MEDIA AND PROCESSES FOR OBTAINING A BOTULINUM TOXIN
FILING DATE: herewith	GROUP: 1656

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
CMK	AA	6,558,926 B1	5/6/03	Demain, et al.			
CMK	AB	2003/0118598A1		Hunt, et al.			11/5/02
	AC						
	AD						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/n)
	BA						
	BB						
	BC						

OTHER ART

(Including Author, Title, Date, Pertinent Pages, etc.)

CMK	CA	Bonventre, P.F., et al., Physiology of toxin production by clostridium botulinum types A and B, *College of Medicine, Vol. 7, pgs. 372-374*
	CB	Chen, F., et al., Biophysical characterization of the stability of the 150-kilodalton botulinum toxin, the nontoxic component and the 900-kilodalton botulinum toxin complex species, *Infect Immun 1998 Jun;66(6):2420-2425*
	CC	Holdeman, L., et al., A study of the nutritional requirements and toxin production of clostridium botulinum type F, *Canadian Journal of Microbiology*, Vol 11, (1965), pp. 1009-1019
	CD	Johnson, E., et al., Clostridium botulinum and its neurotoxins: a metabolic and cellular perspective, *Toxicon 39 (2001) 1703-1722*
	CE	Karasawa, T., et al., A defined growth medium for clostridium difficle, *Microbiology* (1995),141, 371-375
	CF	Kohl, A., et al., Comparison of the effect of botulinum toxin A (BOTOX®) with the highly-purified neurotoxin (NT201) n the extensor digitorum brevis muscle test, *MOV DISORD*, 2000;15(Suppl 3):165
	CG	Lewis, K.H., et al., Practical media and control measures for highly toxic cultures of clostridium botulinum type A, *Production of Botulinum Toxin*, pgs. 213-230.
CMK	CH	Li, Y., et al., Expression and characterization of the heavy chain of tetanus toxin: reconstitution of the fully-recombinant dichain protein in active form, *J Biochem (Tokyo) 1999 Jun;125(6):1200-1208*

EXAMINER [signature] DATE CONSIDERED 11/8/05

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CMK	CI	Naumann, M., et al., Botulinum toxin type A in the treatment of focal, axillary and palmar hyperhidrosis and other hyperhidrotic conditions, *Euro. J. Neurology* 1999:6(Suppl 4):S111-S115
	CJ	Porfirio, Z., et al., Specific peptides of casein pancreatic digestion enhance the production of tetanus toxin, *J. of Applied Microbiology*, 1997 83:678-684
	CK	Ragona, Rosario Marchese, et al., Management of Parotid Sialocele with botulinum toxin, *The Laryngoscope*, 109:August 1999:pp. 1344-1346
	CL	Siegel, L.S., Fermentaton kinetics of botulinum toxin production (types A, B and E),*Biomedical aspects of botulism*, New York: Academic Press 1981:pp 121-8
	CM	Schantz, E.J., et al., Preparation and characterization of botulinum toxin type A for human treatment, Jankovic J, ed.; *Neurological Disease and Therapy. Therapy withBotulinum Toxin*, 1994;25:pp. 41-49
	CN	Schantz, E.J., et al., Properties and use of botulinum toxin and other microbial neurotoxins in medicine, *Microbiological Reviews, Mar 1992, p. 80-99*
	CO	Schiefer-Ullrich, H., et al., Comparative studies on physiology and taxonomy of obligatory purinolytic clostridia, *Arch Microbiol*, 1984, 138:345-353
CMK	CP	Whitmer, M.E., et al., Development of improved defined media for clostridium botulinum serotypes A, B and E, *Applied and Environmental Microbiology*, Mar 1988, Vol. 54, No. 3, p. 753-759
	CQ	

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	BA						
	BB						
	BC						

OTHER ART

(Including Author, Title, Date, Pertinent Pages, etc.)

CMK	CA	Coligan, et al., *Current protocols in protein science, Front Matter*, Aug 2003,
	CB	Lungdahl, L.G., et al., Working with anaerobic bacteria, *Manual of Industrial Microbiology and Biotechnology*, Chp. 8, 1986, pp 84-96,
	CC	Mueller, J.H., et al., Variable factors influencing the product of tetanus toxin, *J. Bacteriol*, 1954; 67:271-7
	CD	Ozutsumi, K., et al., Rapid, simplified method for production and purification of tetanus toxin, *Applied and Environmental Microbiology*, Apr. 1985, Vol. 49, No. 4, pp. 939-943
	CE	Chp. 1, pgs. 1-88, Strategies of Protein Purification and Characterization, *Current Protocols in Protein Science, Front Matter*, (2003) John E. Coligan, et al., Ed, Chp. 21, pgs. 1-282.
CMK	CF	Chp. 21, pgs. 1-282, Peptidases, *Current Protocols in Protein Science, Front Matter*, (2003) John E. Coligan, et al., Ed.
	CG	
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FILING DATE: SEPTEMBER 25, 2003	GROUP: ~~1653~~ 1656

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CMK	BA	WO 94/09115	10/06/1993	PCT	C12N	1/20	Y
	BB	WO 98/54296	05/28/1998	PCT	C12N	1/20	Y
	BC	WO 01/05997A2&3	07/14/2000	PCT	C12P	21/00	Y
	BD	WO 01-36655	10/27/2000	PCT	C12P	32/00	Y
CMK	BE	WO 01/58472	02/05/2001	PCT	A61K	38/16	Y

OTHER ART

(Including Author, Title, Date, Pertinent Pages, etc.)

CMK	CA	Heenan, C. N., et al., Lehensm.-Wiss. U.-Technol, 35 (2002), pps. 171-176
	CB	Miwa, Norinaga, et al., International Journal of Food Microbiology, 49 (1999), pps. 103-106
	CC	Mueller, J. H., et al., J. Bacteriology, 1954 Mar., 67(3), pps. 271-277.
	CD	Whitmer, M. E., et al., Applid and Environmental Microbiology, Mar. 1988, 54(3), pps. 753-759
CMK	CE	Oxoid – Product CM0149 – product description, pps. 1-2.
	CF	
	CG	

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